

To: the FCC

Re: LightSquared approval

From: Steve Jackson

I work at a farm equipment dealership and also farm myself. It is my understanding that if Lightsquared is allowed to do what is proposed it will devastate all of the current gps systems currently used in agriculture. Gps sales and service is a very large part of our business that we cannot afford to lose. On a larger scale I have real concerns about the ability of farmers to continue to produce the yields attained today without the precision control enabled by gps technology. You may not be aware how today's modern equipment functions, I will give you a brief example. We have corn planters being pulled by a autosteered tractor (meaning the operator is there but does not have to do much if any steering) the benefit is precise placement of seed in rows that allow for repeat trips thru the field without crop damage. The planter itself is controlled using gps location to put a prescribed amount of seed, herbicide and fertilizer based on the ground's ability to produce a crop. This means inputs (seed, herbicide and fertilizer) are used at only the rate required by the crop. The farmer gets a financial reward for this by cutting his costs to a minimum while still producing enough crops for food, fuel and other uses. The biggest winner is the environment. No longer does a farmer seed or fertilize for a 200 bushel crop if the ground is only capable of producing a 150 bushel crop.

The loss of gps would erase a lot of the gains and set agriculture back a lot of years in a very short time. I for one am very fond of eating 2-3 times every day as I am sure you are. I don't believe the agricultural industry or the country can stand this setback. I know little of how gps is used in the airline industry or marine navigation, but would expect similar problems there. I therefore urge the FCC to deny LightSquared permission to decimate the current gps system and urge them to find an alternate method to deliver internet service to the country. If given the choice I prefer the ability to eat over surfing the internet.

